

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	274	((Young's) adj (modulus)) NEAR10 porosity	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/06 08:50
L3	156	L2 and ceramic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/06 08:50
S1	4	("20030165662"   "5595581").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/17 18:43
S2	28716	428/116 or 428/117 or 428/118 or 428/119 or 428/188 or 428/913 or 428/327 or 428/73 or 428/307.5 or 428/34.5 or 428/177 or 428/304.4 or 428/192 or 501/118 or 501/119 or 501/120 or 501/153 or 501/153 or 501/154 or 55/523 or 55/585.3 or 55/483 or 55/502 or 55/529 or 264/177.12 or 264/630	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/17 18:55
S5	39170	(Young's) adj (modulus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/17 18:59
S6	535	S2 and S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/17 18:59

S7	150	S6 and (honeycomb or (honey adj comb) or cellular)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/17 18:59
S8	2	"20030140608"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/17 19:31
S9	85174	(modulus NEAR3 elasticity) or (elastic adj modulus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/17 21:36
S10	1215	S9 and S2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/17 21:37
S11	256	S10 and (honeycomb or (honey adj comb) or cellular)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/17 21:38
S12	243	(adhesive WITH plug \$5) and honeycomb	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/18 11:31
S13	308	((adhesive WITH plug \$5) or ((sealing adj material) WITH plug \$5)) and honeycomb	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/18 11:33

S14	28716	428/116 or 428/117 or 428/118 or 428/119 or 428/188 or 428/913 or 428/327 or 428/73 or 428/307.5 or 428/34.5 or 428/177 or 428/304.4 or 428/192 or 501/118 or 501/119 or 501/120 or 501/153 or 501/153 or 501/154 or 55/523 or 55/585.3 or 55/483 or 55/502 or 55/529 or 264/177.12 or 264/630	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/07/18 12:30
S15	85174	(modulus NEAR3 elasticity) or (elastic adj modulus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/18 12:30
S16	1215	S15 and S14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/18 12:30
S17	256	S16 and (honeycomb or (honey adj comb) or cellular)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/18 12:30
S18	175	S17 and (plug\$5 or (sealing adj material) or adhesive)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/18 12:31
S19	2	11/186466	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/18 13:01

S20	29426	428/116 or 428/117 or 428/118 or 428/119 or 428/188 or 428/913 or 428/327 or 428/73 or 428/307.5 or 428/34.5 or 428/177 or 428/304.4 or 428/192 or 501/118 or 501/119 or 501/120 or 501/153 or 501/153 or 501/154 or 55/523 or 55/585.3 or 55/483 or 55/502 or 55/529 or 264/177.12 or 264/630	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/29 16:12
S21	9219	S20 and (sealing or sealant or plug or plugging or seal)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/29 16:12
S22	150	S21 and ((sealing or sealant or plug or plugging or seal) WITH ((silicon adj carbide) or SiC))	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/29 16:13
S23	115	S22 and (honeycomb or (honey adj comb) or cellular)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/29 16:14
S24	4	09/856751	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/29 21:05
S25	0	"2000962846"	FPRS; EPO; DERWENT; IBM_TDB	OR	ON	2009/01/29 21:11
S26	0	"2000962846"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/29 21:11
S27	29450	428/116 or 428/117 or 428/118 or 428/119 or 428/188 or 428/913 or 428/327 or 428/73 or 428/307.5 or 428/34.5 or 428/177 or 428/304.4 or 428/192 or 501/118 or 501/119 or 501/120 or 501/153 or 501/153 or 501/154 or 55/523 or 55/585.3 or 55/483 or 55/502 or 55/529 or 264/177.12 or 264/630	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/07 21:38

S28	29450	S27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/07 21:38
S29	541	S28 and ((silicon adj carbide) SAME (cordierite))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/07 21:39
S30	463	S28 and (honeycomb or (honey adj comb) or cellular) and ((silicon adj carbide) SAME (cordierite))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/07 21:39
S31	57	S28 and (honeycomb or (honey adj comb) or cellular) and ((silicon adj carbide) SAME (cordierite) SAME plug \$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/07 22:05
S32	41158	(Young's) adj (modulus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/19 14:39
S33	89000	(modulus NEAR3 elasticity) or (elastic adj modulus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/19 14:39
S34	29499	428/116 or 428/117 or 428/118 or 428/119 or 428/188 or 428/913 or 428/327 or 428/73 or 428/307.5 or 428/34.5 or 428/177 or 428/304.4 or 428/192 or 501/118 or 501/119 or 501/120 or 501/153 or 501/153 or 501/154 or 55/523 or 55/585.3 or 55/483 or 55/502 or 55/529 or 264/177.12 or 264/630	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/19 14:39

S35	29499	S34	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/19 14:39
S36	550	S35 and ((silicon adj carbide) SAME (cordierite))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/19 14:39
S37	7	S32 and S33 and S36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/19 14:39
S38	134	S34 and (porosity SAME (plug or plugging or plugged)) and (porosity SAME (wall or structure or block or segment)) and (SiC or (silicon adj carbide))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/19 15:01
S39	51	"4,976,760"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/19 17:35
S40	41198	(Young's adj (modulus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/23 15:03
S41	89094	(modulus NEAR3 elasticity) or (elastic adj modulus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/23 15:03
S42	122720	S41 or S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/23 15:03

S43	123086	S41 or S40 or (Young \$3 NEAR2 modulus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/23 15:05
S44	8405	S43 and (SIC or (silicon adj carbide))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/23 15:06
S45	656	S44 and (honeycomb or (honey adj comb) or cellular)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/23 15:06
S46	1920	S43 SAME (SIC or (silicon adj carbide))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/23 15:07
S47	141	S46 and (honeycomb or (honey adj comb) or cellular)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/23 15:07
S48	154	S45 and (plug or plugging or plugged)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/23 15:09
S49	153	S45 and (plug or plugging or plugged)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/23 15:13
S50	11	S49 and ((plug or plugging or plugged) SAME S43)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/23 15:17
S51	5181224	(Young's modulus) or (Youngs modulus) or (modulus of elasticity) or (elastic modulus) or (E modulus)	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/23 16:41
S52	81139	S51 and (honeycomb or cellular or (honey comb))	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/23 16:41

S53	2486	S52 and (silicon carbide or SiC)	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/23 16:41
S54	70	S53 and (plugging or plugs or plugged or plug)	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/23 16:41
S55	1	"5,595,581"	FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/23 18:57
S56	276	(honeycomb or (honey adj comb) or cellular) and ((silicon adj carbide) or SiC) and (porosity SAME (plug or plugging or plugged))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/23 20:22
S57	269	S56 and (exhaust or diesel or filter or filtration or NOx)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/23 20:22
S58	1758	(honeycomb or cellular or (honey adj comb)) and ((silicon adj carbide) and ((wall or partition) NEAR3 (thick or thickness))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/03 17:36
S59	30341	428/116 or 428/117 or 428/118 or 428/119 or 428/188 or 428/913 or 428/327 or 428/73 or 428/307.5 or 428/34.5 or 428/177 or 428/304.4 or 428/192 or 501/118 or 501/119 or 501/120 or 501/153 or 501/153 or 501/154 or 55/523 or 55/585.3 or 55/483 or 55/502 or 55/529 or 264/177.12 or 264/630 or 264/631 or 264/628 or 264/629	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/03 17:37



S60	615	S58 and S59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/03 17:37
S61	565	S60 and (exhaust or diesel or filter or filtration or automobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/03 17:38
S62	163	S61 and ((SIC NEAR2 Si) or ((silicon NEAR2 metal) SAME (silicon adj carbide)) or ((silicon NEAR2 element \$3) SAME (silicon adj carbide)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/03 17:39
S63	1758	(honeycomb or cellular or (honey adj comb)) and (silicon adj carbide) and ((wall or partition) NEAR3 (thick or thickness))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/03 19:18
S64	30341	428/116 or 428/117 or 428/118 or 428/119 or 428/188 or 428/913 or 428/327 or 428/73 or 428/307.5 or 428/34.5 or 428/177 or 428/304.4 or 428/192 or 501/118 or 501/119 or 501/120 or 501/153 or 501/153 or 501/154 or 55/523 or 55/585.3 or 55/483 or 55/502 or 55/529 or 264/177.12 or 264/630 or 264/631 or 264/628 or 264/629	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/03 19:18
S65	615	S63 and S64	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/03 19:18
S66	565	S65 and (exhaust or diesel or filter or filtration or automobile)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/03 19:18

S67	191	S66 and ((SiC NEAR2 Si) or ((silicon NEAR2 metal\$3) SAME (silicon adj carbide)) or ((silicon NEAR2 element \$3) SAME (silicon adj carbide)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/03 19:18
S68	1006	((Young's) adj (modulus)) SAME porosity	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/05 16:40

8/ 6/ 2009 10:20:47 AM

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